OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

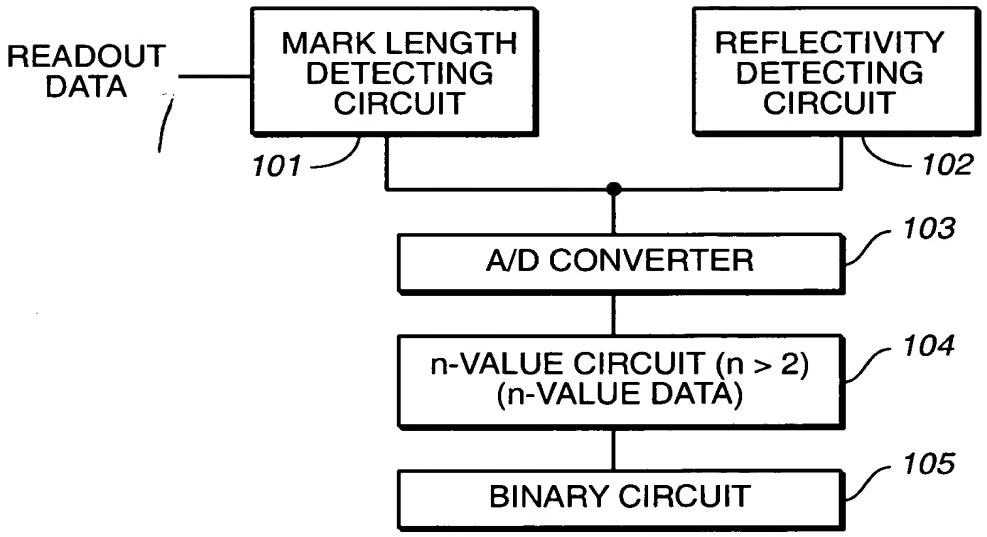

FIG._1

OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

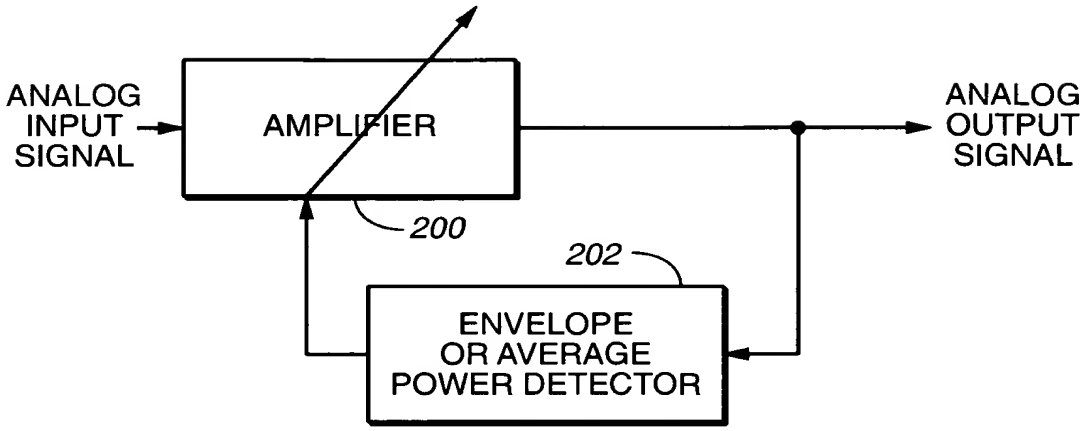

FIG._2A
(PRIOR ART)

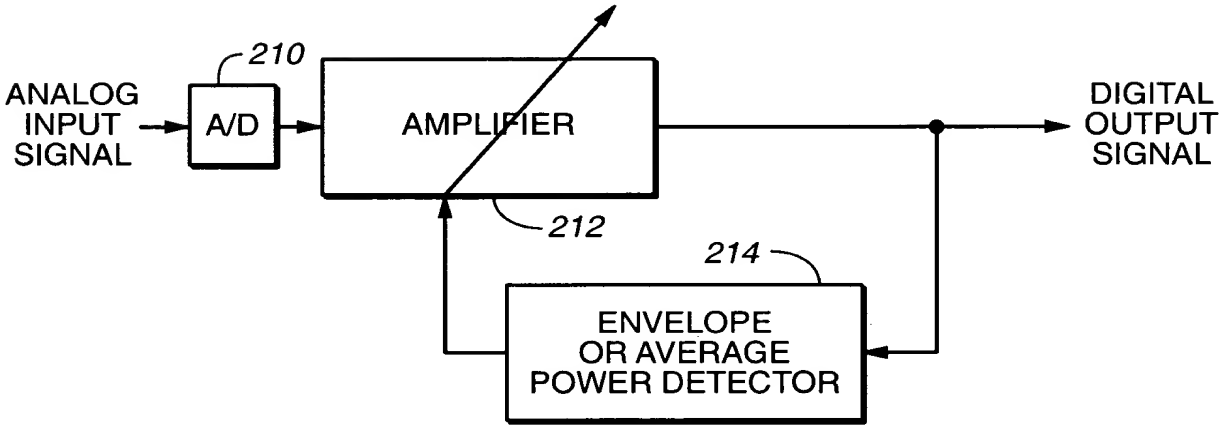

FIG._2B
(PRIOR ART)

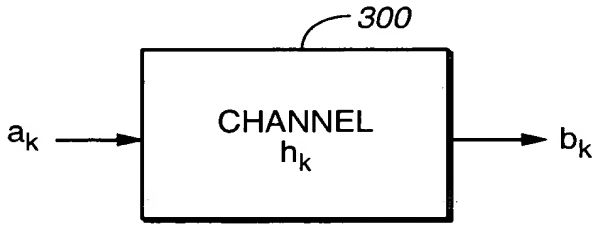

FIG._3

OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

404 402 404 402

[DATA FIELD][AGC FIELD][DATA FIELD][AGC FIELD] . . .

FIG._4A

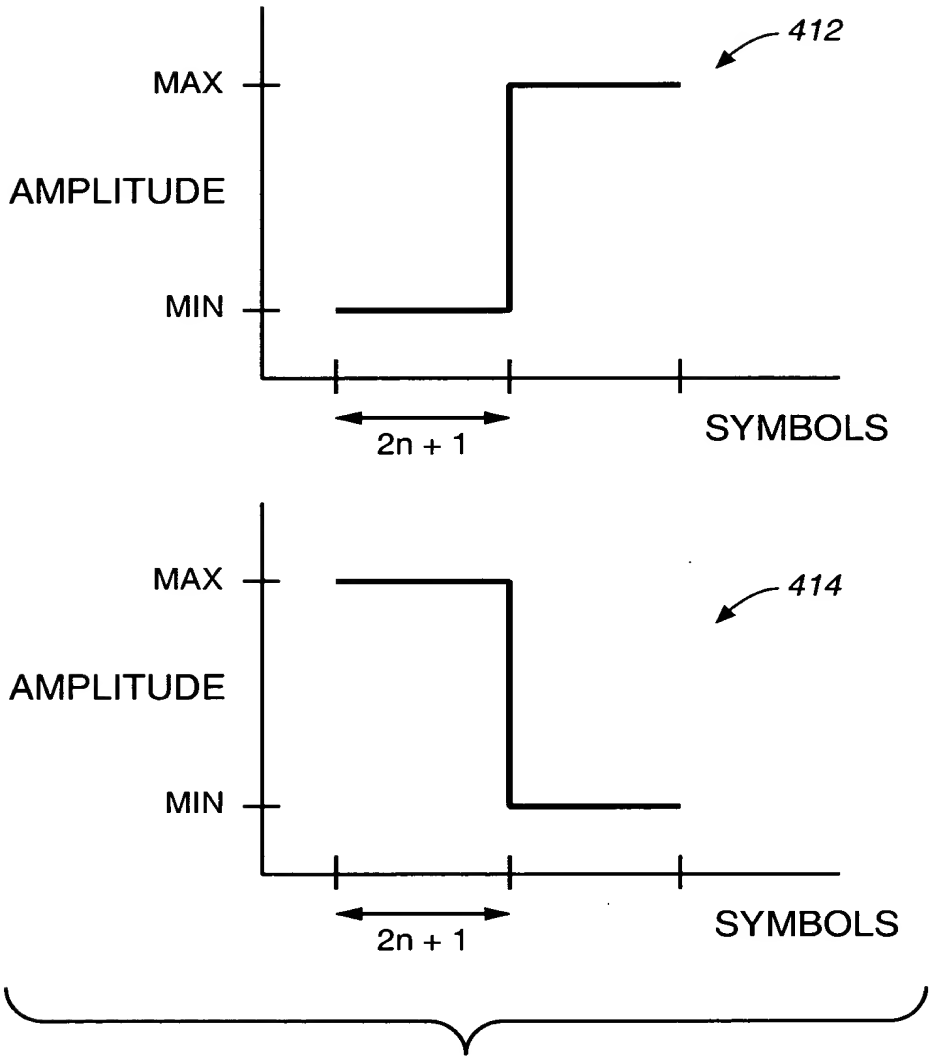

FIG._4B

OIPE
DEC 0 2 2004
PATENT & TRADEMARK OFFICE
JC103

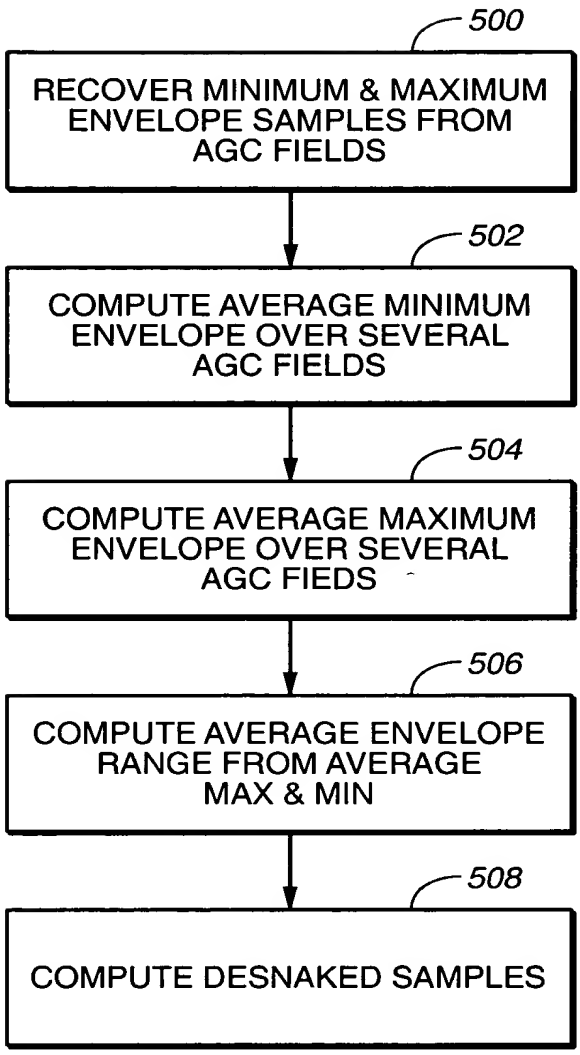

FIG._5

PATENT & TRADEMARK OFFICE
DEC 0 2 2004
OIPE
3C103

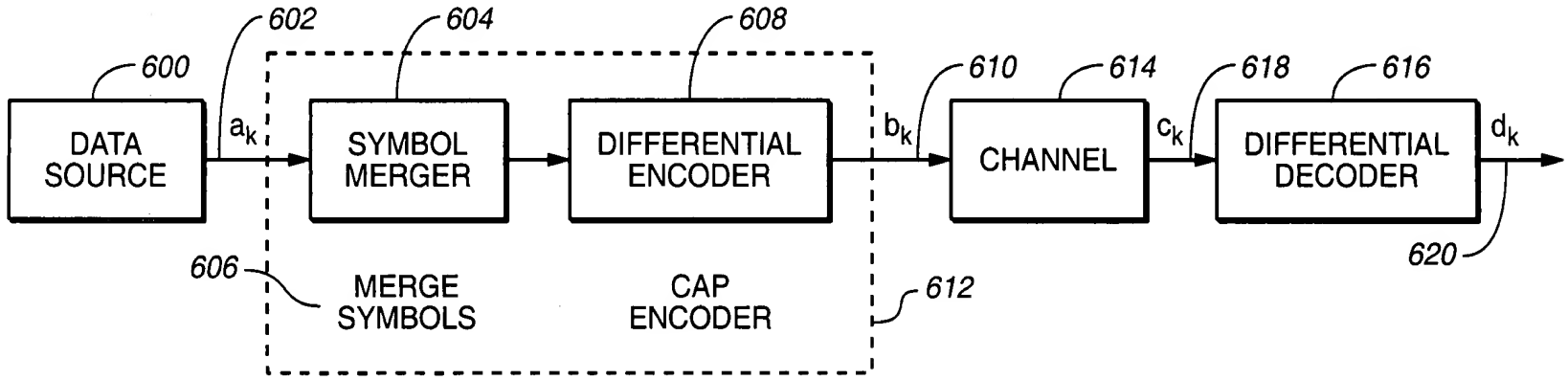

FIG._6A

[CAP FIELD][DATA FIELD][CAP FIELD][DATA FIELD] . . .

LENGTH: (SYMBOLS) I N I N

FIG._6B

OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

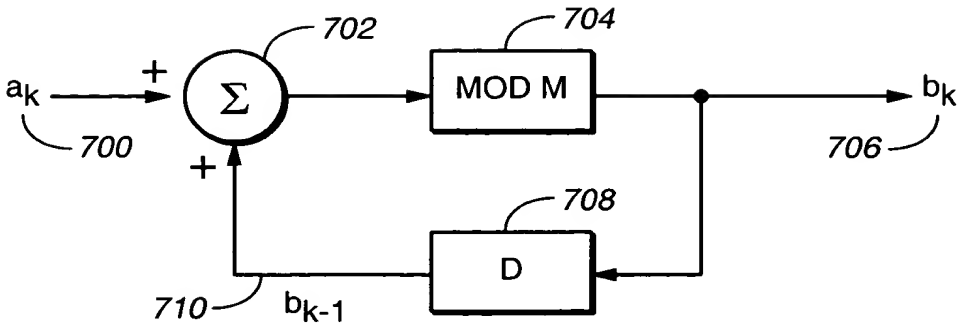

FIG._7A

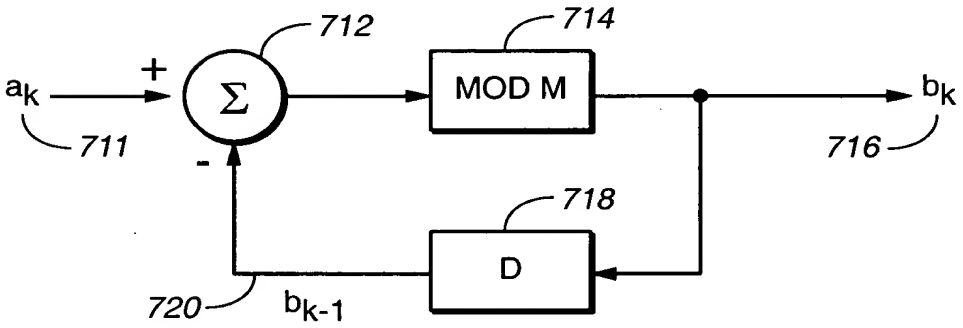

FIG._7B

OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

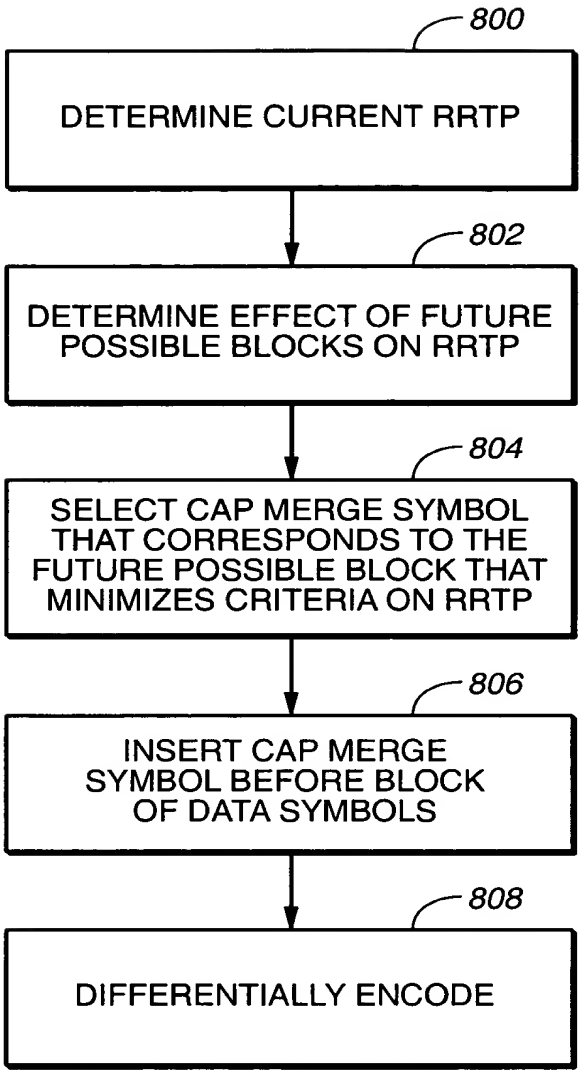

FIG._8A

OIPE JC103
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

NO. OF LEVELS M : 4
PREVIOUS OUTPUT LEVEL : 0
INPUT BLOCK : 0 1 3 2
CURRENT RRTP : -2

CANDIDATE MERGE SYMBOL 0

a_k		0	0	1	3	2
b_k	0	0	0	1	0	2
DV (b_k)		-3	-3	-1	-3	+1
DSS (b_k)		9	9	1	9	1
RRTP	-2	+2	+6	+2	+6	+2

→ ENDING / RRTP / = 6
MAX / RRTP / = 6

CANDIDATE MERGE SYMBOL 1

a_k		1	0	1	3	2
b_k	0	1	1	2	1	3
DV (b_k)		-1	-1	+1	-1	+3
DSS (b_k)		1	1	1	1	9
RRTP	-2	-6	-10	-14	-18	-14

→ ENDING / RRTP / = 14
MAX / RRTP / = 18

CANDIDATE MERGE SYMBOL 2

a_k		2	0	1	3	2
b_k	0	2	2	3	2	0
DV (b_k)		+1	+1	+3	+1	-3
DSS (b_k)		1	1	9	1	9
RRTP	-2	-6	-10	-6	-10	-6

→ ENDING / RRTP / = 6
MAX / RRTP / = 10

CANDIDATE MERGE SYMBOL 3

a_k		3	0	1	3	2
b_k	0	3	3	0	3	1
DV (b_k)		+3	+3	-3	+3	-1
DSS (b_k)		9	9	9	9	1
RRTP	-2	+2	+6	+10	+14	+10

→ ENDING / RRTP / = 10
MAX / RRTP / = 14

FIG._8B

OIPE
DEC 0 2 2004
PATENT & TRADEMARK OFFICE

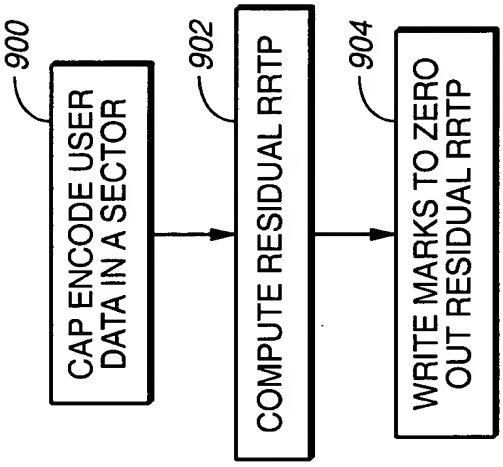

FIG._9A

FIG._9B